

ABSTRACT

Lead composition for use in the production of battery components particularly the electrode plates, having specific amounts or ranges of trace elements to

5 maximise battery life. Ranges of trace elements include the combination of 20-100 ppm silver, 250-1000 ppm bismuth, and 250-1000 ppm zinc; or 100-1000 ppm antimony and 100-1000 ppm iron; or 250-1000 ppm bismuth, 250-1000 ppm zinc, 20-100 ppm silver, not more than 20 ppm antimony and not more than 30 ppm iron.